

IT4853

IT4853: Computer Forensics

Module 01: Introduction to Computer Forensics

[A History Of Digital Forensics](#)
[Digital Forensics](#)
[Introduction to Computer Forensics](#)

Module 02: Linux and Windows File Systems

[About files and the file system](#)
[Data Storage](#)
[Linux Partitions and File System Layouts](#)
[Windows File Structures and Paths](#)
[File systems ext2, ext3 and ext4](#)

Module 03: Data Acquisition

[Data Structures](#)
[An Intro to disk partitions](#)
[Data Acquisition](#)

[Forensics Data Acquisition](#)

Module 04: Current Computer Forensics Tools

[Digital Forensics in the Next Five Years](#)
[Featured Digital Forensics And Cybersecurity Tools](#)
[Digital Forensics Tools](#)
[A study on digital forensic tools](#)

[Forensic Tools](#)

Module 05: Registry Forensics

[Understanding the Registry](#)

[Memory Forensics Cheat Sheet](#)

Module 06: Digital Forensics Analysis and Validation

[Validation for Digital Forensics](#)
[Validation and verification of computer forensic software tools](#)
[Digital Forensics Analysis & Validation](#)

Module 07: Virtual Machine & Network Forensics

[Introduction to Network Forensics](#)

[Adversarial Network Forensics in Software Defined Networking](#)

[Tools And Techniques For Network Forensics](#)

Module 08: Automatic Forensic Analysis

[A Suspect-Oriented Intelligent and Automated Computer Forensic Analysis](#)

[Open Source Digital Forensics Tools](#)

Module 09: Email Forensics

[Forensic Investigation of Emails](#)

[A Comparative Study of Email Forensic Tools](#)

[E-Mail Forensics: Techniques And Tools For Forensic Investigation](#)

[Email Header Analysis and Forensic Investigation](#)

Module 10: Mobile Forensics

[Mobile Device Investigations](#)

[Mobile Device Acquisition](#)

Module 11: Cloud Forensics

[Cloud Computing: The Digital Forensics Challenge](#)

[Cloud forensics: An overview](#)

[Cloud and Edge Computing-Based Computer Forensics](#)

Module 12: E-mail and Social Media Investigations

[Forensic Investigation of Social Media and Instant Messaging Services in Firefox OS:](#)

[Facebook, Twitter, Google+, Telegram, OpenWapp and Line as Case Studies](#)

[Media forensics on social media platforms: a survey](#)

[Digital Forensics vs. Anti-Digital Forensics: Techniques, Limitations and](#)

[Recommendations](#)

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